

PILOSTOP INTUMESCENT SEALANT

Product Technical Data Sheet



BENEFITS FOR INSTALLATORS

- ✓ saves work time with single side applications
- ✓ easy to use with conventional caulking gun
- ✓ economical: rich formula with no slumps during installation
- ✓ effective cure with auto bonding with low shrinkage
- ✓ re-enterable/repairable: add more cables and pipes
- ✓ convenient cleanup and disposal: water based
- ✓ safe – non harmful material

FEATURES

- Up to 240 minutes fire resistance
- Flexible
- Excellent adhesion to building substrates
- Paintable
- Sound resistance performance
- Smoke and gas tight seal
- Low VOC
- Use also to seal PILOSTOP FIRESEAL PANNEL applications

AREA OF APPLICATIONS

- Plastic pipes – PVC/PP/PE
- Composite pipes
- Steel pipes
- Copper pipes
- Cables – single and in bundles
- Cable conduits
- Joints
- ventilation ducts

APPETURES

- Apertures around pipes and cables in
- Concreate, masonry and dry wall constructions
- Joints up to 100 mm wide
- ventilation ducts

DATA	PROPERTIES
Fire resistance	Test data in accordance with EN 1366-3
Mass /density of the unit	1.60
Sound resistance	62 dB
Available colors**	white
Movement capability	7,5%
Skin forming time	25 minutes
Total cure	2-5 days (depends on temperature)
Installation temperature	+5 to +30 0C
Temperature resistance	-20 to +70 0C
Storage time	18 months (unopened)
Working life	30 years
Packing	<ul style="list-style-type: none">▪ 310ml cartridge▪ 600ml foil pack▪ 10L buckets

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INSTALLATIONS SUMMARY:

PILOSTOP FireStop Intumescent Sealant System is designed for wide range of service fire stop penetration seals around metallic pipes, plastic pipes, composite pipes, electrical cables to reinstate the fire performance of walls and floors. All statements, recommendations and TDS's information is provided based on our experience and in good faith for guidance only. User is solely responsible for correct product selection and determining whether it is fit for a particular purpose and suitable for user's method of application and installation of the material needs to be verify and in accordance with UL Certificate No. UL-EU-01117-CPR only, where detailed installations data and fire classification information are.

WALLS masonry and concrete	Blank		any face	E240
	Cables	≤∅ 21 mm (single and in bundles)	any face	E240
	Cables	≤∅ 80 mm (single and in bundles)	each face	E240
	PVC/PP/PE, ABS, SAN+PVC pipes	up to 32mm	each face	E180-240
	ALUPEX pipes	up to 75mm	any face	E240
	Copper pipes	up to 54mm	any face	E240
	Mild or stainless steel pipes	up to 219mm	any face	E240
WALLS gypsum board, masonry and concrete	Mild or stainless steel pipes	up to 324mm	any face	E180
	Blank		each face	E120
	Cables	"≤∅ 80 mm (single) ; ≤∅ 100 mm (in tied bundles)	each face	E120
	PVC pipes	up to 40mm	each face	E120
	PP/PE pipes	up to 20mm	each face	E120
	ALUPEX pipes	up to 75mm	each face	E120
	Composite pipes*	up to 75mm	each face	E120
FLOORS concrete	Copper pipes	up to 54mm	each face	E120
	Mild or stainless steel pipes	up to 324mm	each face	E120
	Blank		any face	E120
	Blank		each face	E240
	Cables	≤∅ 21 mm (single)	any face	E120
	Cables	≤∅ 80 mm (single or in tied bundles)	each face	E120
	Cables PVC conduit	up to 40mm	each face	E240
	Cables PP/PE conduit	up to 40mm	each face	E180
	PVC pipes	up to 50mm	each face	E240
	PP pipes	up to 40mm	each face	E180
	PE pipes	up to 40mm	each face	E180
	ALUPEX pipes	up to 75mm	any face	E180
	Composite pipes*	up to 75mm	Any face	E240
	Copper pipes	up to 54mm	any face	E240
	Mild or stainless steel pipes	up to 324mm	any face	E240

*Composite pipes includes type: Gerberit Mepla MLC (PEXb/Aluminium/PE-HD pipe); Uponor Wirsbo PEX pipe in pipe

Substrate/Construction	Diameter	Seal position	Fire Resistance
Linear joints - between Flexible Wall to Concrete Floor Soffit	Up to 30mm	each face	E120
Linear joints - between Flexible Wall to Concrete Wall	Up to 30mm	each face	E120
Linear joints - between Rigid Wall to Concrete Floor Soffit	Up to 50mm	any face	E240
Linear joints - between Rigid Walls	Up to 50mm	any face	E240
Linear joints - between Concrete Floor Soffit	Up to 100mm	Top face	E240
Linear joints - between Rigid Wall to Concrete Floor Soffit	Up to 100mm	Top face	E240